ABSTRACT OF THE DISCLOSURE

An integrated information processing system for geospatial information processing. The information processing system includes a scheduling module, an acquisition module, a production module, a distribution module, a geospatial data specification, and a geospatial media recorder. Each module incorporates a common object database management system. The scheduling module is configured for processing requests for media acquisition. The acquisition module is configured for acquiring visual, audio, textual, and geospatial entity information. The production module is configured for producing integrated digital media datasets and information. The distribution module is configured for distributing integrated digital media datasets and information. The geospatial data specification includes an object class which serves to provide geospatial referencing of an entity or object. The concatenated data attribute of geospatial data serves to geospatially reference entities or object in a video segment. The geospatial media recorder serves to encode geospatial data onto video frames at the time of video acquisition.